

PEPFAR use case: Complex data modelling

*DHIS 2 Experts Academy
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dhis2



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2)

PEPFAR use case: Complex data modelling

1. Modelling mechanisms:

data set dimensions: Attribute Options

2. Modelling agencies and partners (and subpartners):

category option groups and group sets

3. Modelling data approval:

data approval levels

Modelling PEPFAR mechanisms

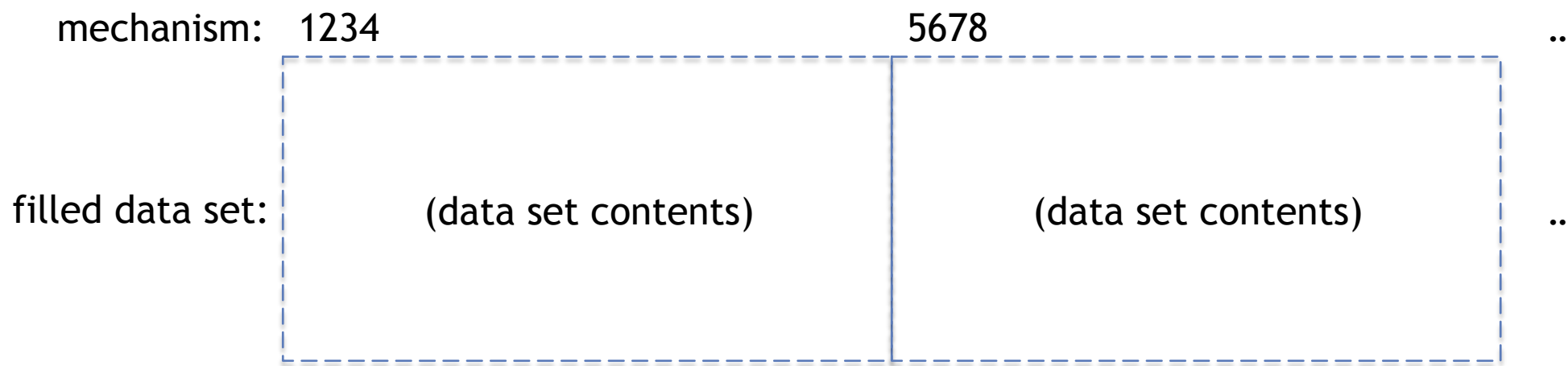


1. Modelling mechanisms:

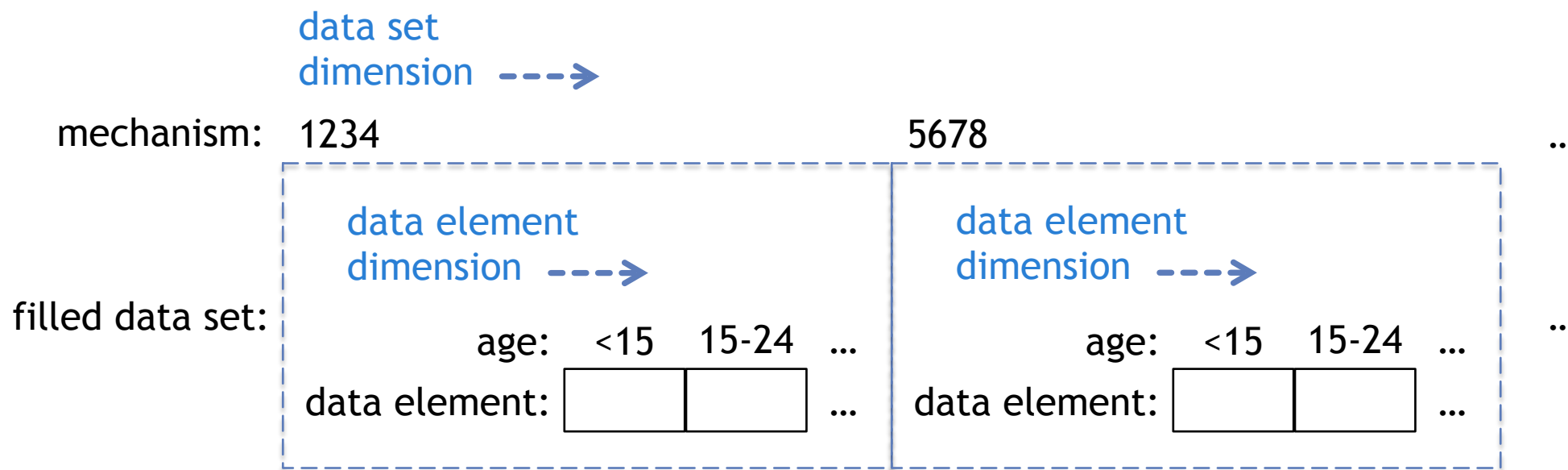
data set dimensions: Attribute Options

Modelling PEPFAR mechanisms

“funding mechanism” - essentially like a project



Modelling PEPFAR mechanisms



data element dimensions: Category Options

(disaggregations: age, sex, test result, etc.)

data set dimensions: Attribute Options

(extra dimensions: projects, partners, accounts, etc.)

Data Entry

HIV testing and counseling

Filter in section	<15y	15-24y	25-49y	>49y
HIV: currently on care	19	32	44	45
HIV: new on care	42	44	46	36

data element dimensions: Category Options

Data Entry ?

Organisation Unit	Sierra Leone		
Data Set	ART monthly summary		
Period	July 2017	Prev year	Next year
Implementing Partner	APHIAplus		
Project	[Select option]		

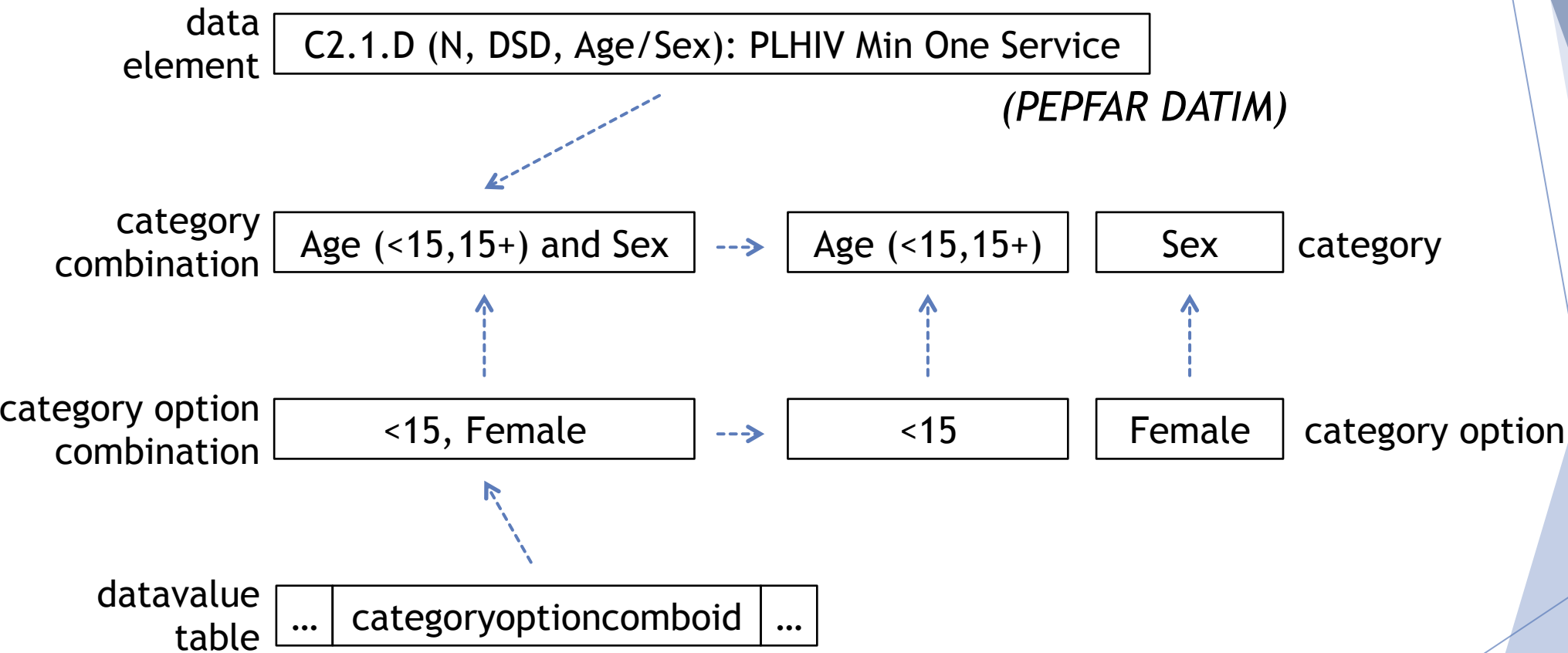
data set dimensions: Attribute Options

data set dimensions: Attribute Options
(extra dimensions: projects, partners, accounts, etc.)

are based on

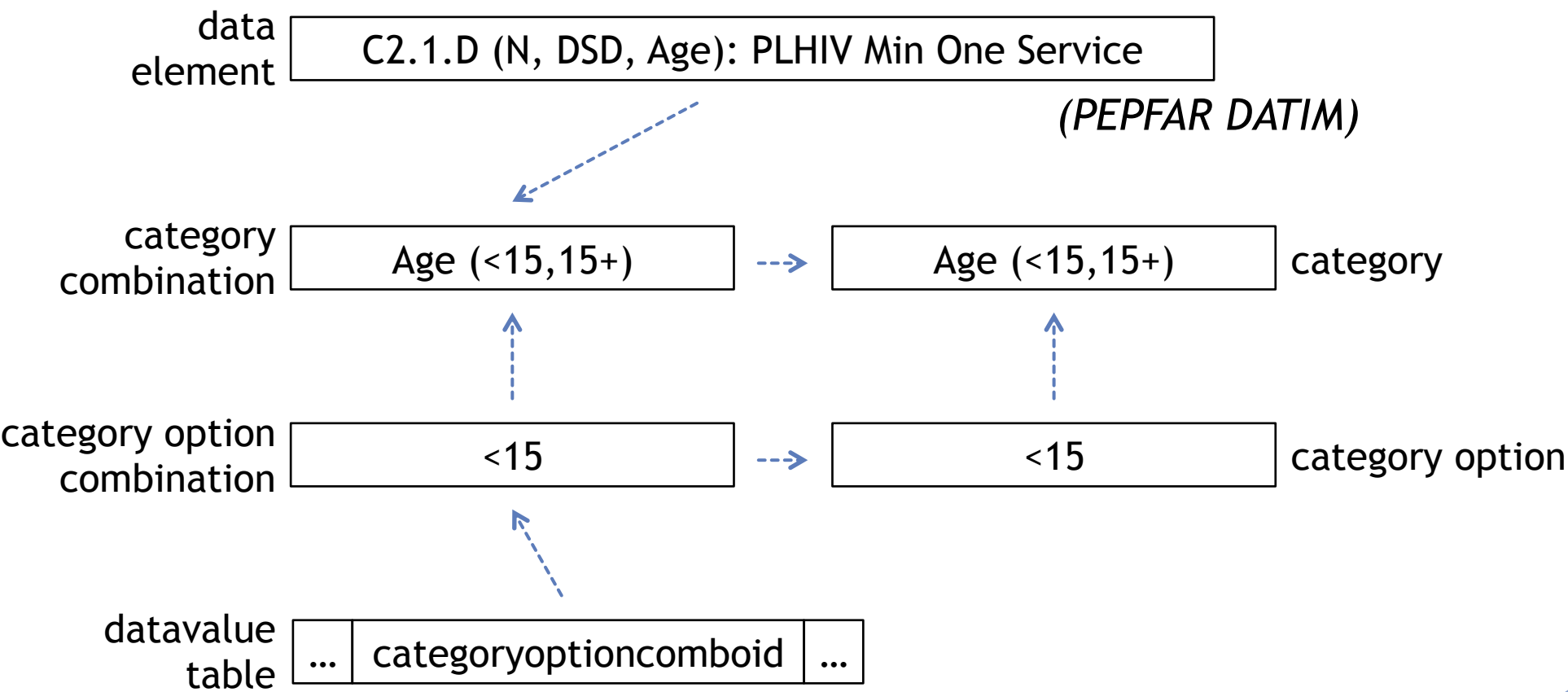
data element dimensions: Category Options
(disaggregations: age, sex, test result, etc.)

Two data element dimensions: age, sex



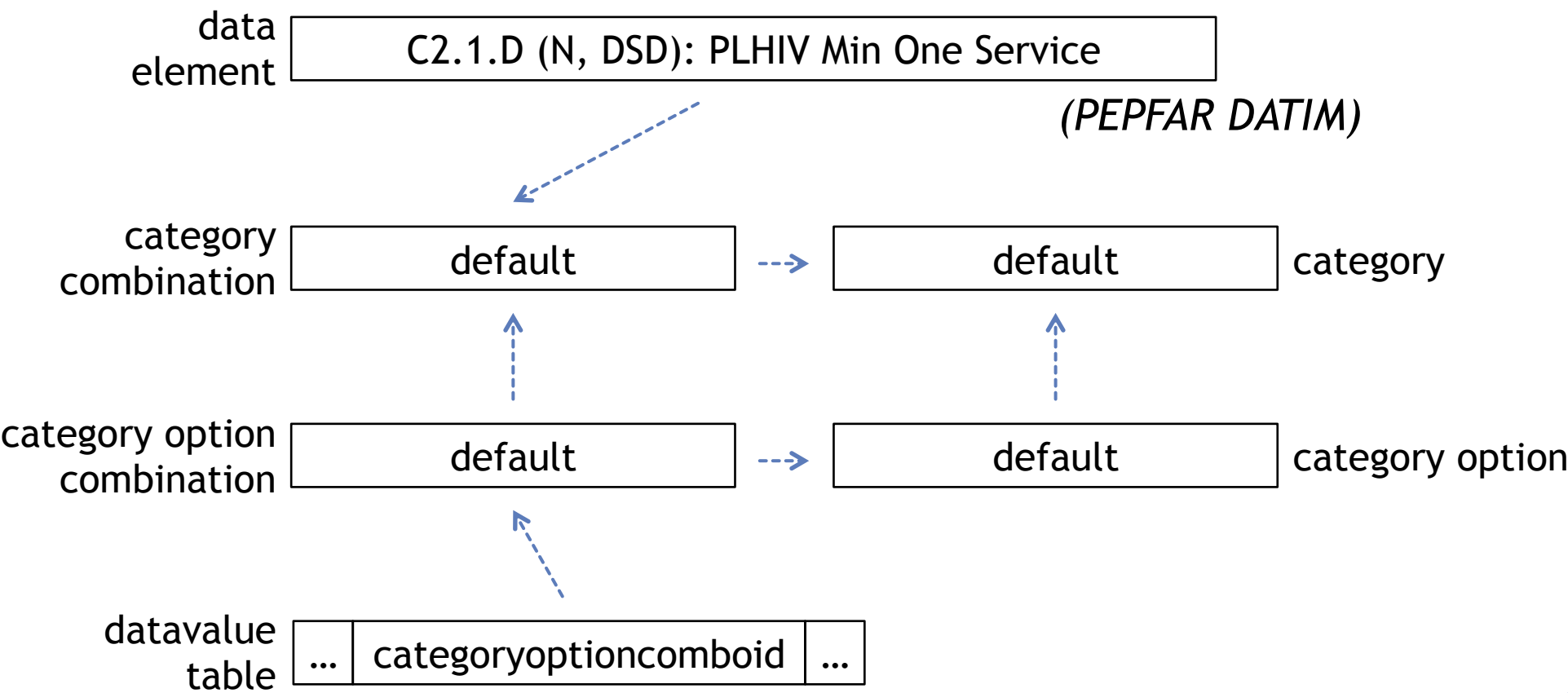
data element dimensions: Category Options

One data element dimension: age



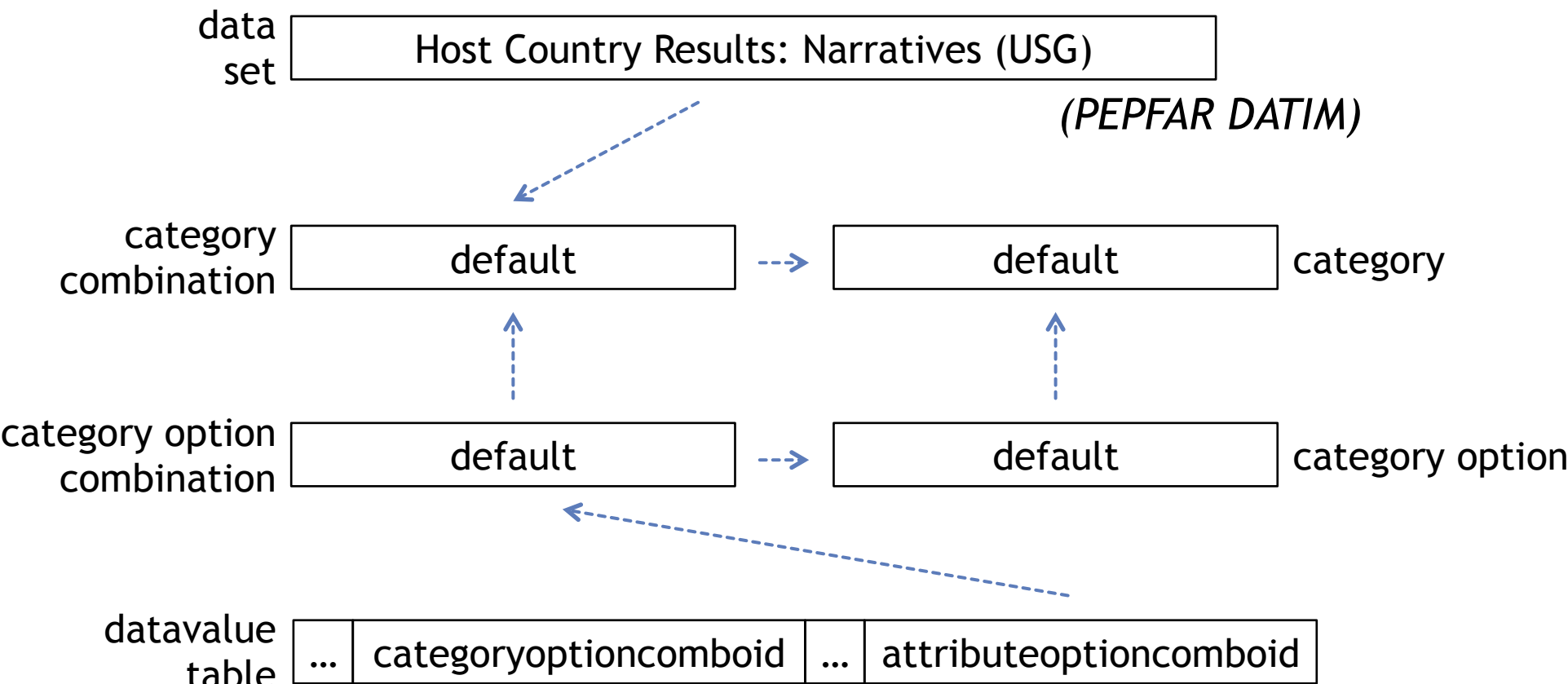
data element dimensions: Category Options

Zero data element dimensions



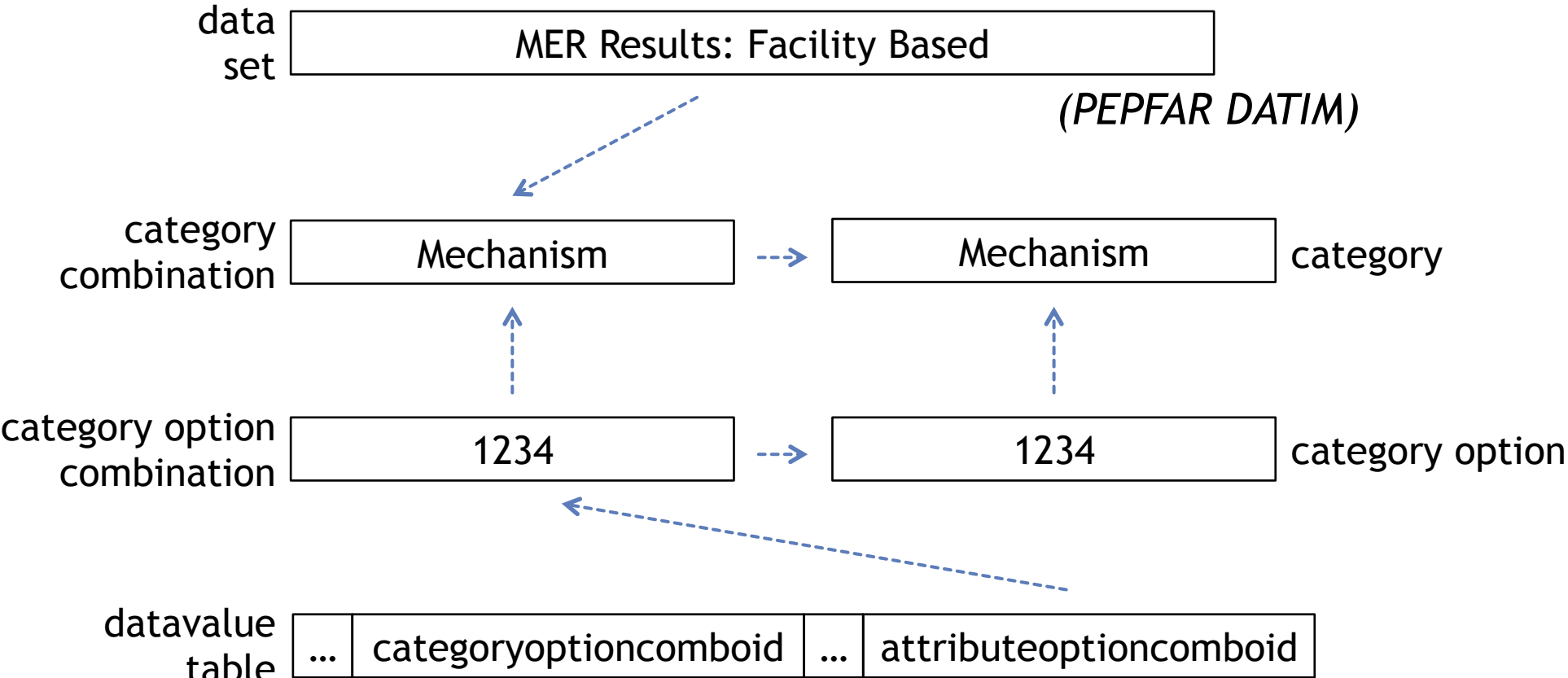
data element dimensions: Category Options

Zero data set dimensions



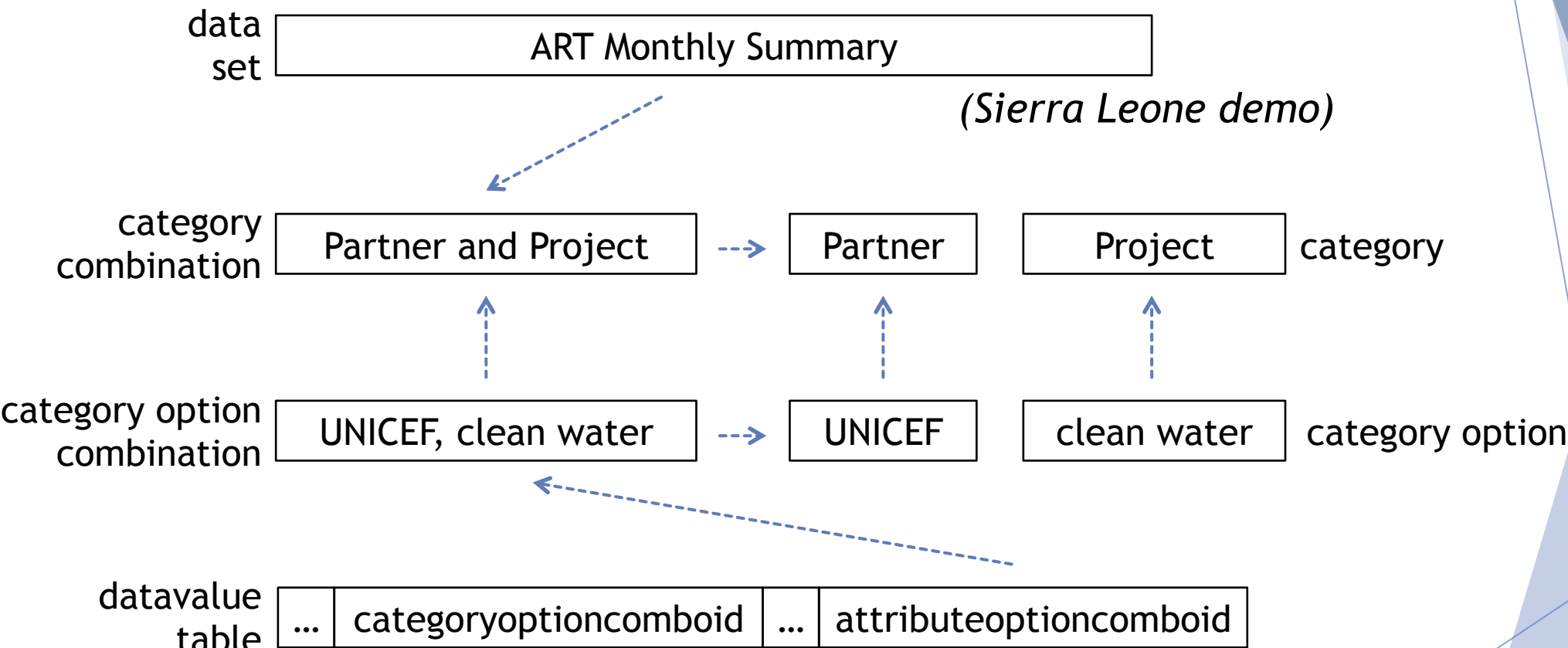
data set dimensions: Attribute Options

One data set dimension: PEPFAR mechanism



data set dimensions: Attribute Options

Two data set dimensions: partner, project



data set dimensions: Attribute Options

PEPFAR use case: Complex data modelling

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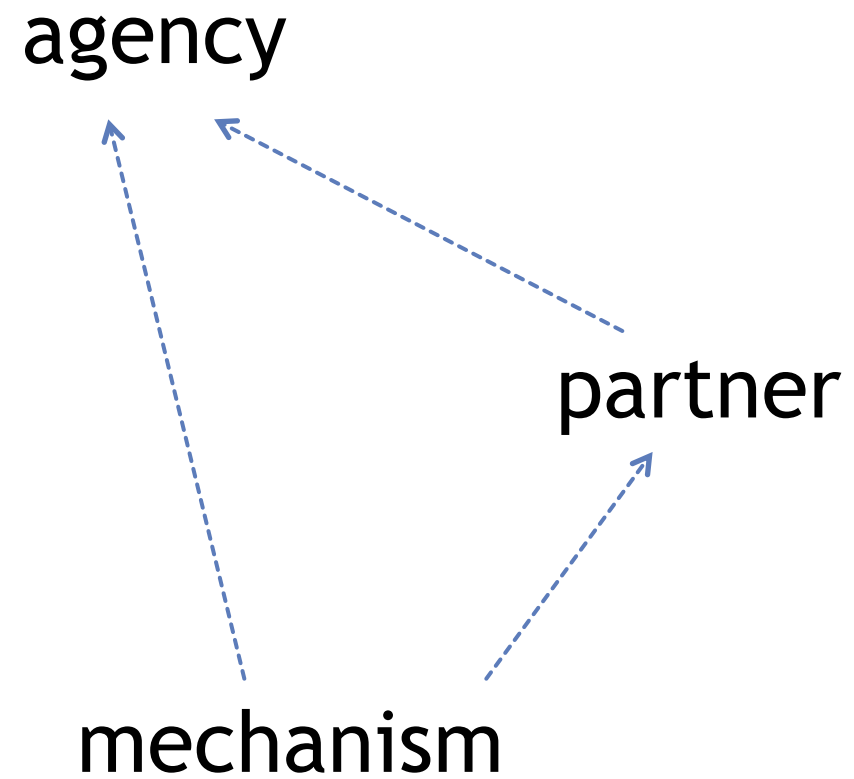
data set dimensions: Attribute Options



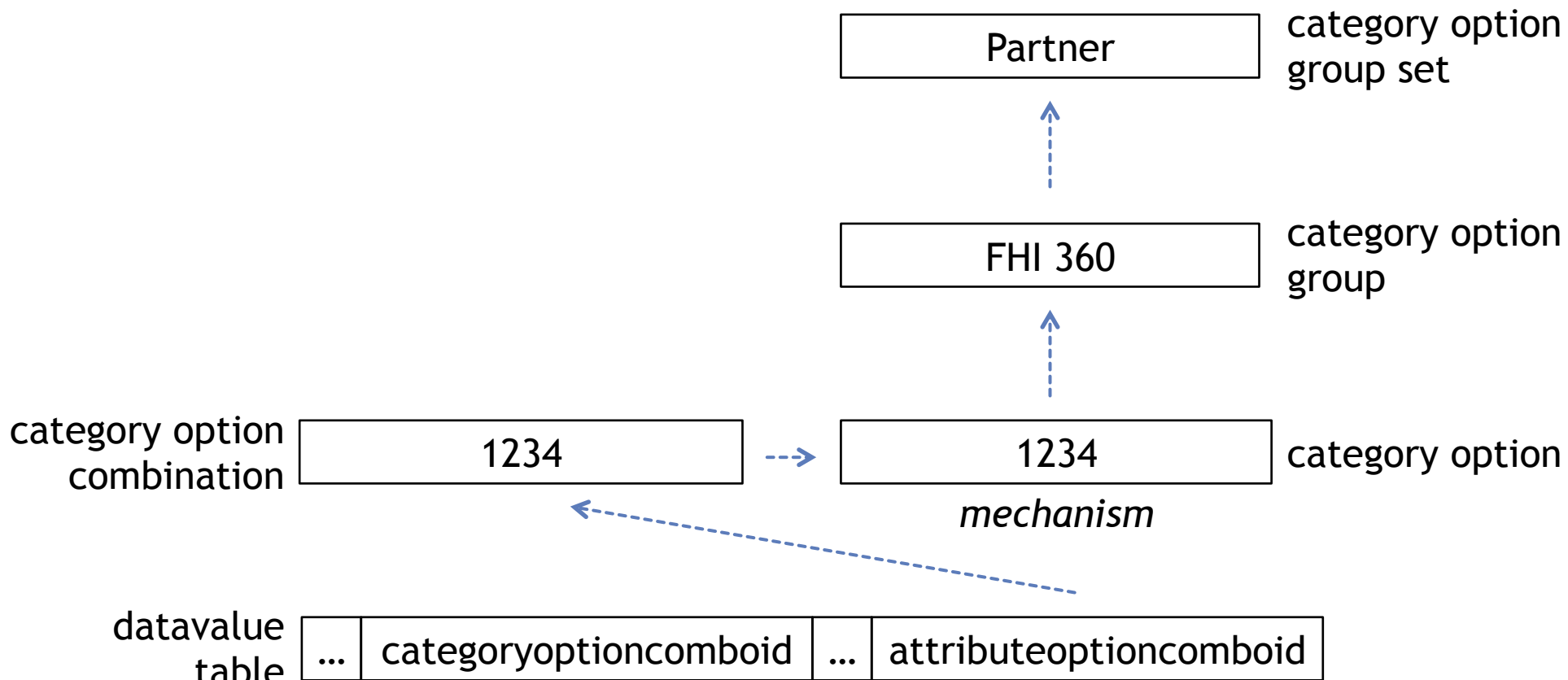
2. Modelling agencies and partners (and subpartners):

category option groups and group sets

Modeling PEPFAR agencies and partners

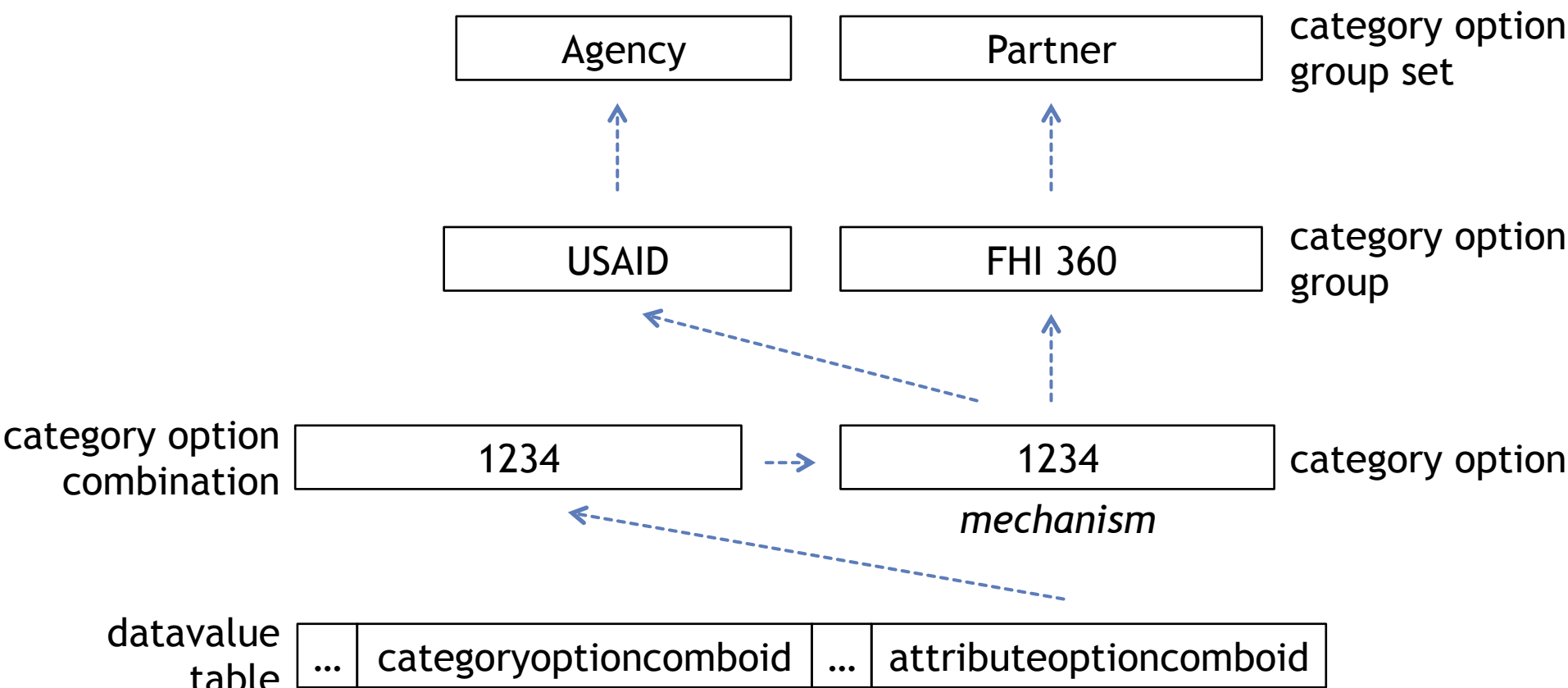


PEPFAR partners



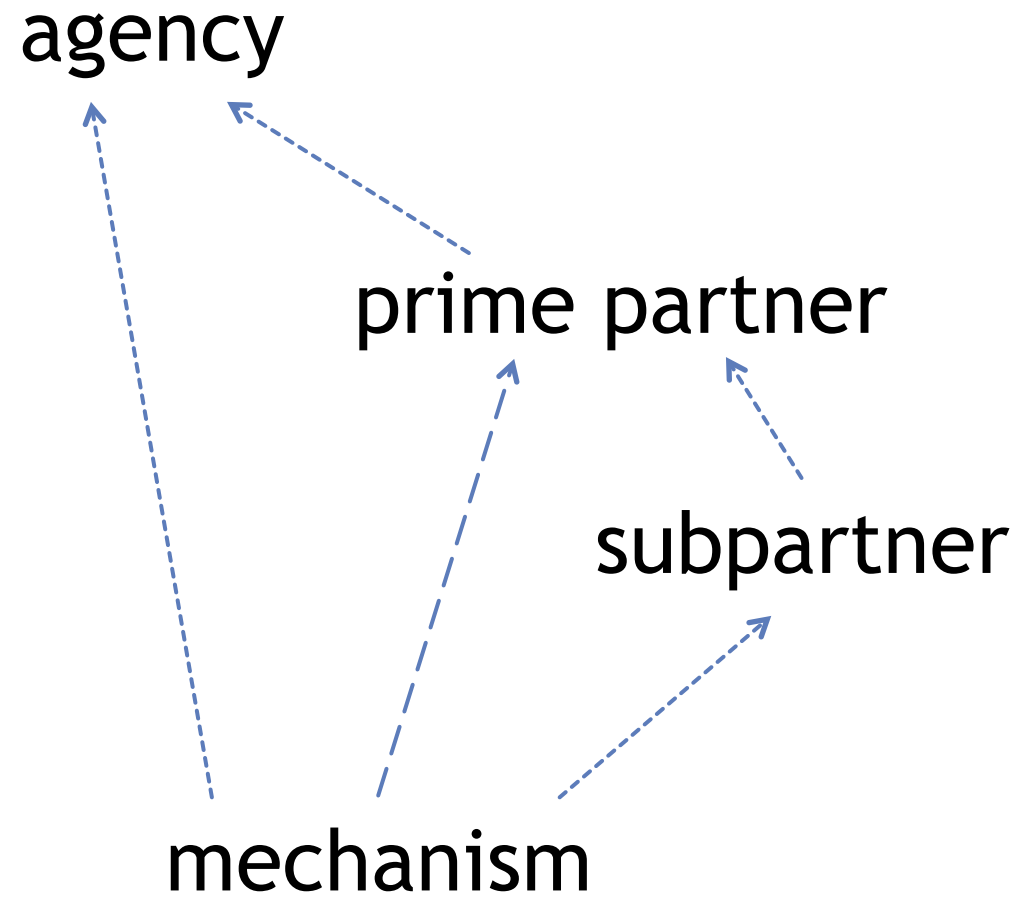
category option groups and group sets

PEPFAR agencies and partners

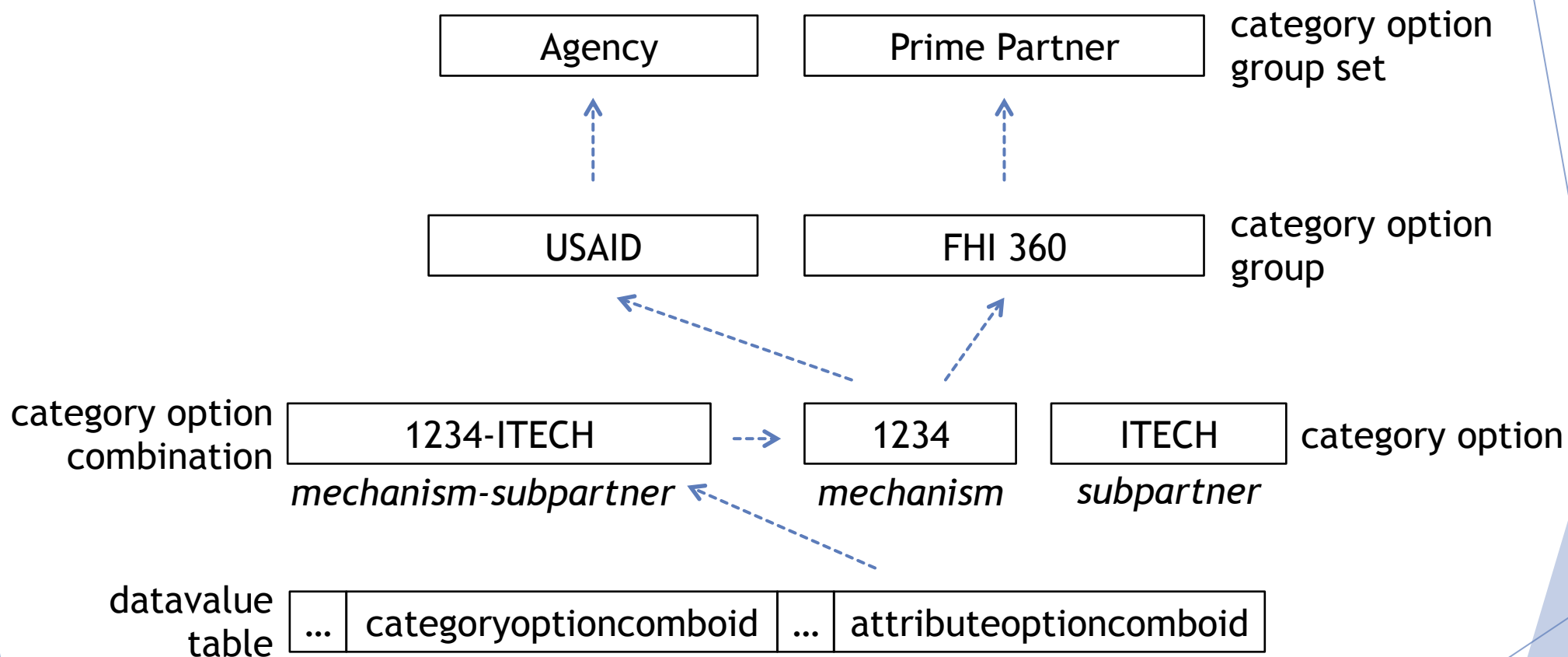


category option groups and group sets

Modelling PEPFAR subpartners (possible future)

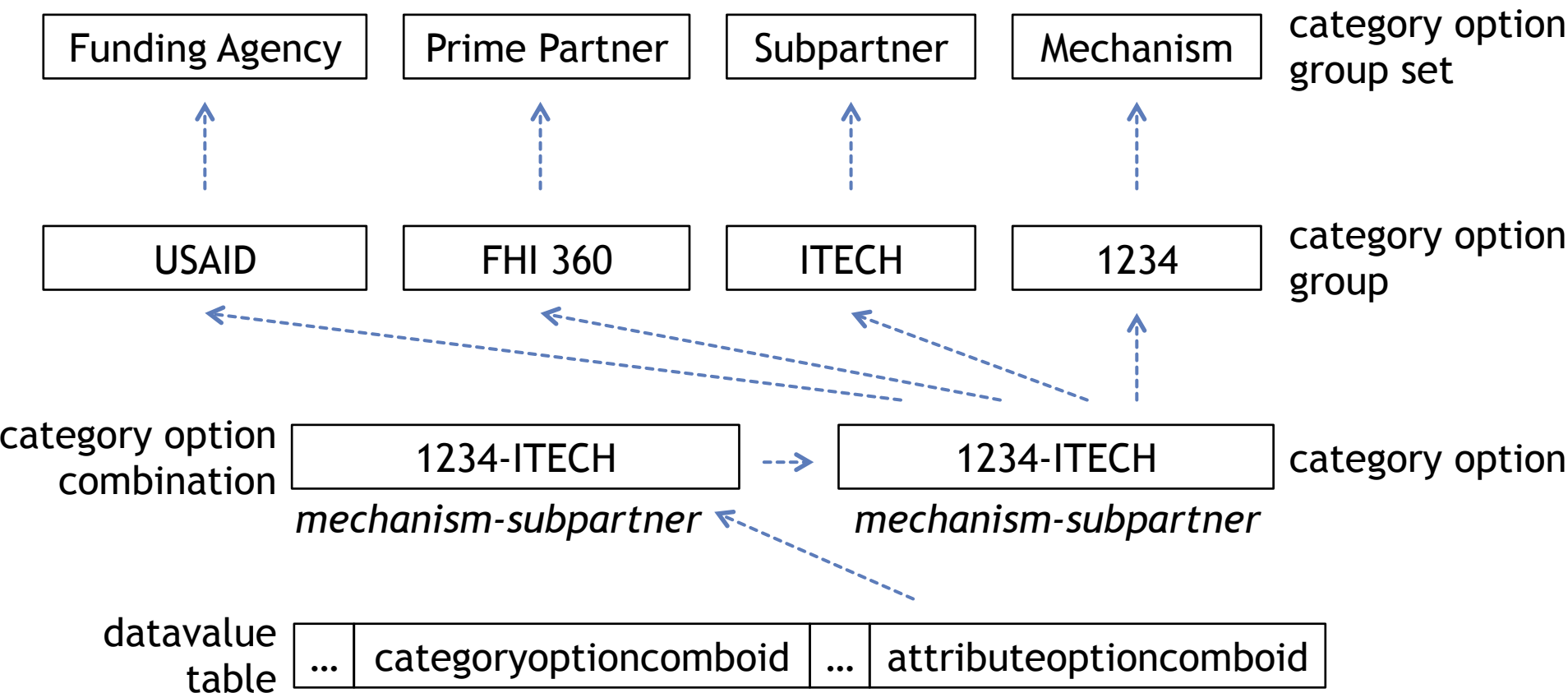


Possible PEPFAR subpartners (2 dimensions)



Possible future model for PEPFAR Subpartners

Possible PEPFAR subpartners (1 dimension)



Possible future model for PEPFAR Subpartners

PEPFAR use case: Complex data modelling

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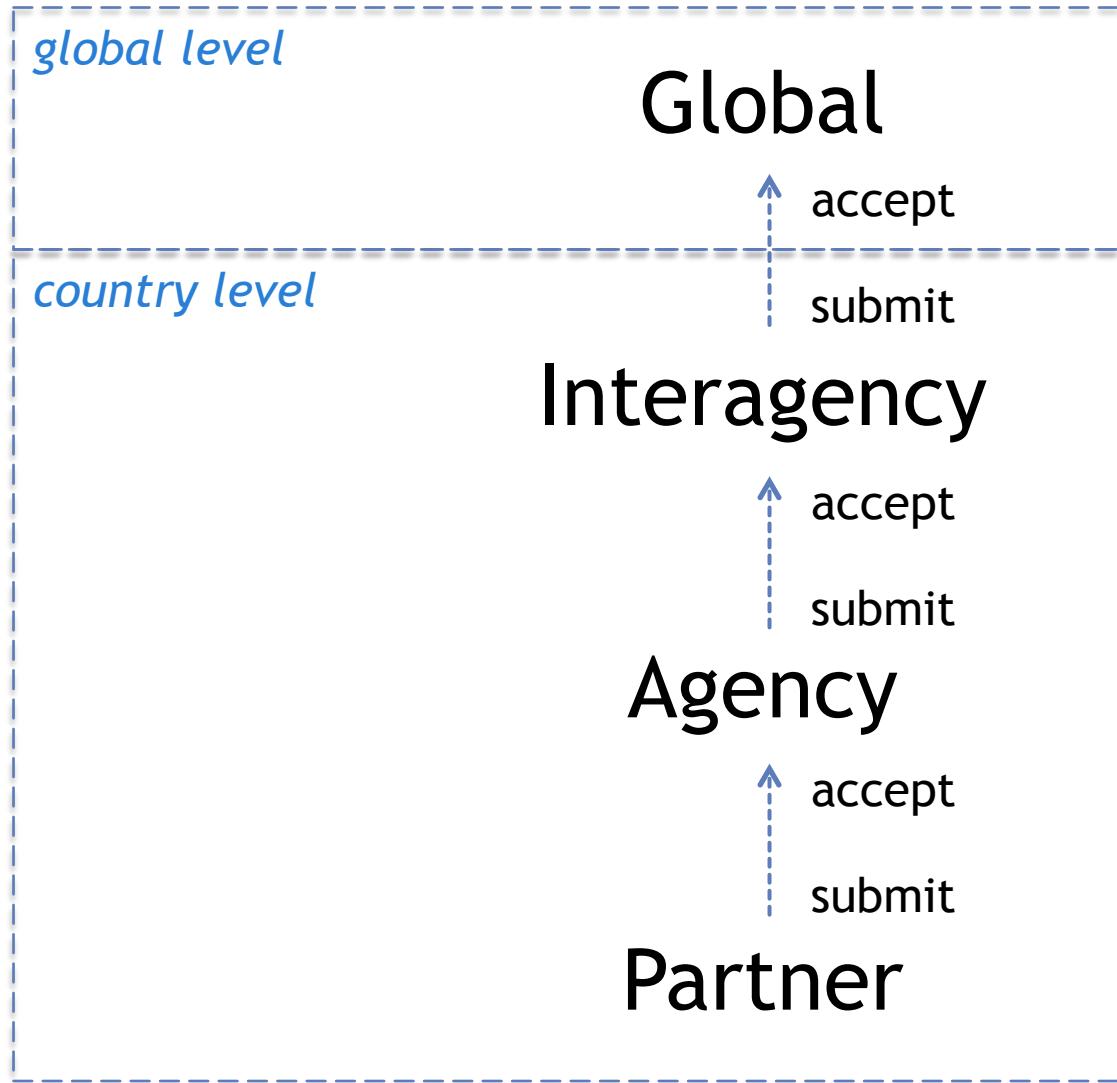
category option groups and group sets



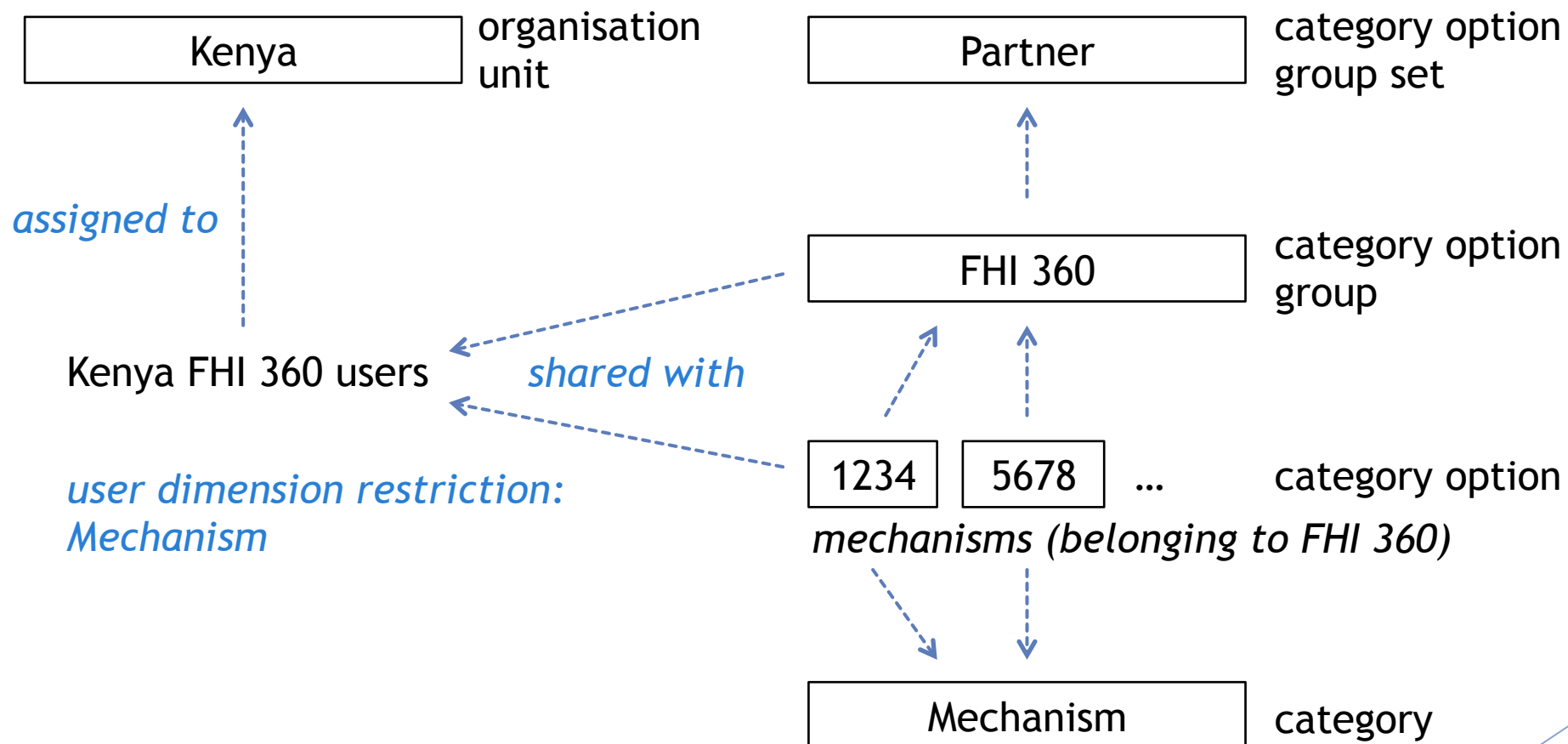
3. Modelling data approval:

data approval levels

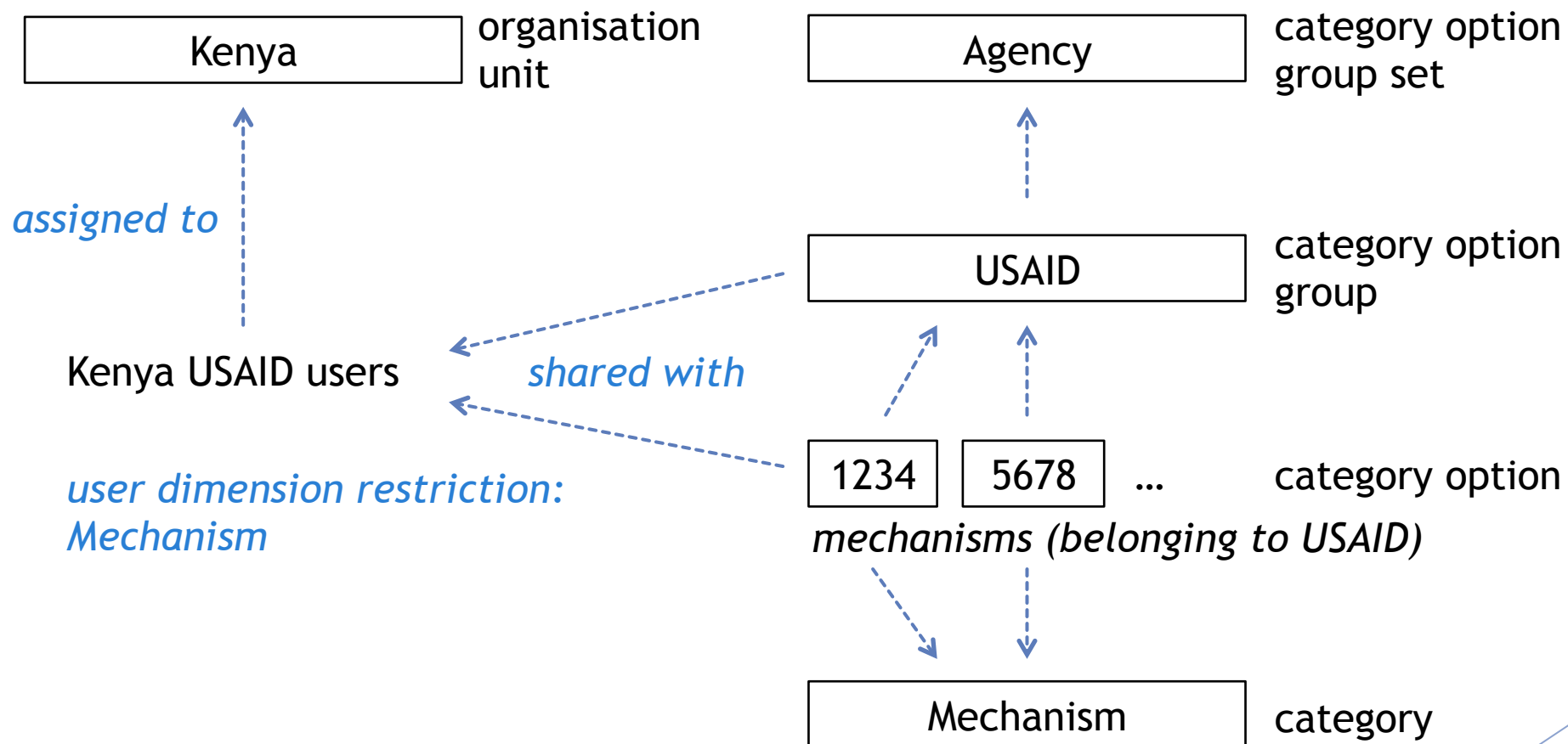
Modelling PEPFAR Data approval



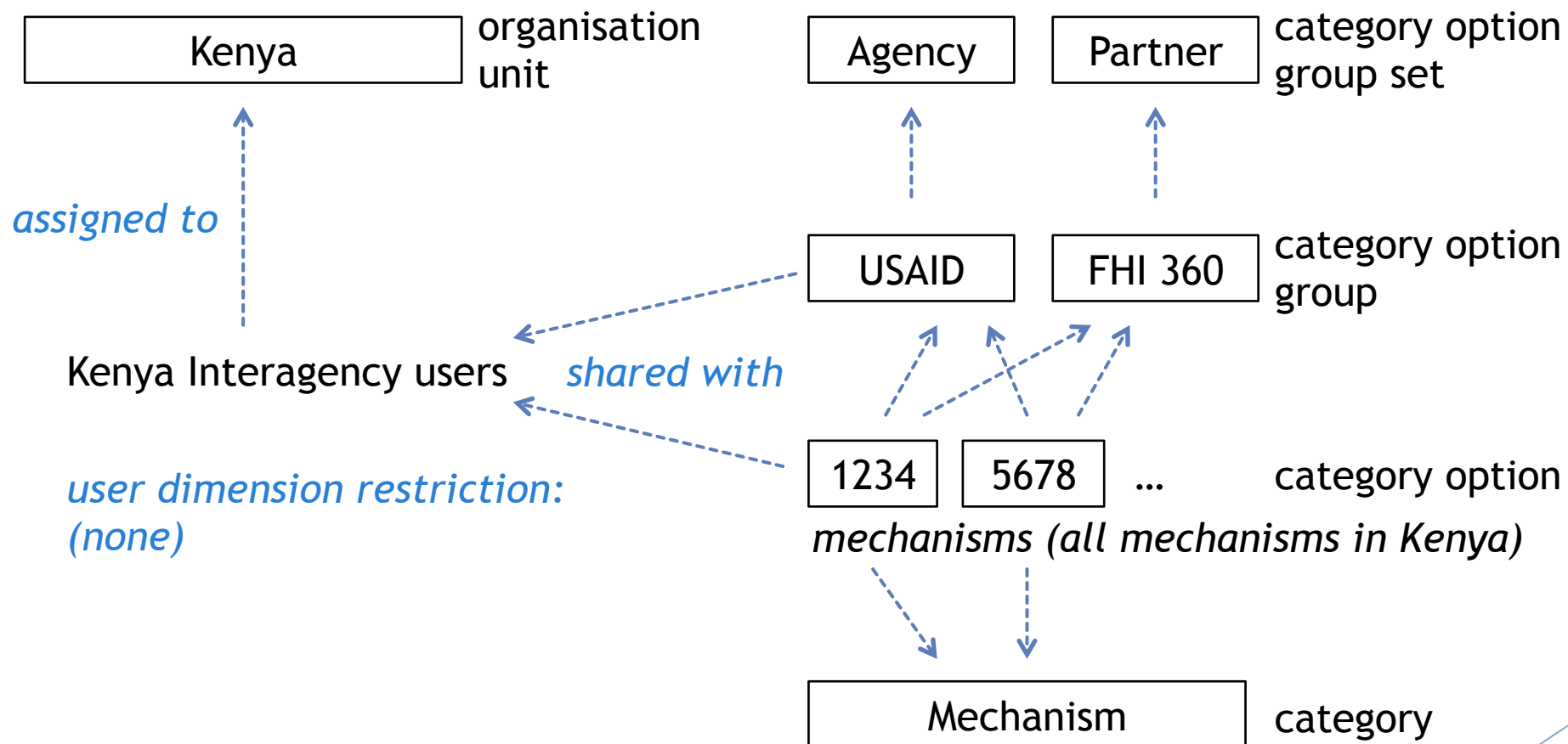
PEPFAR Partner users



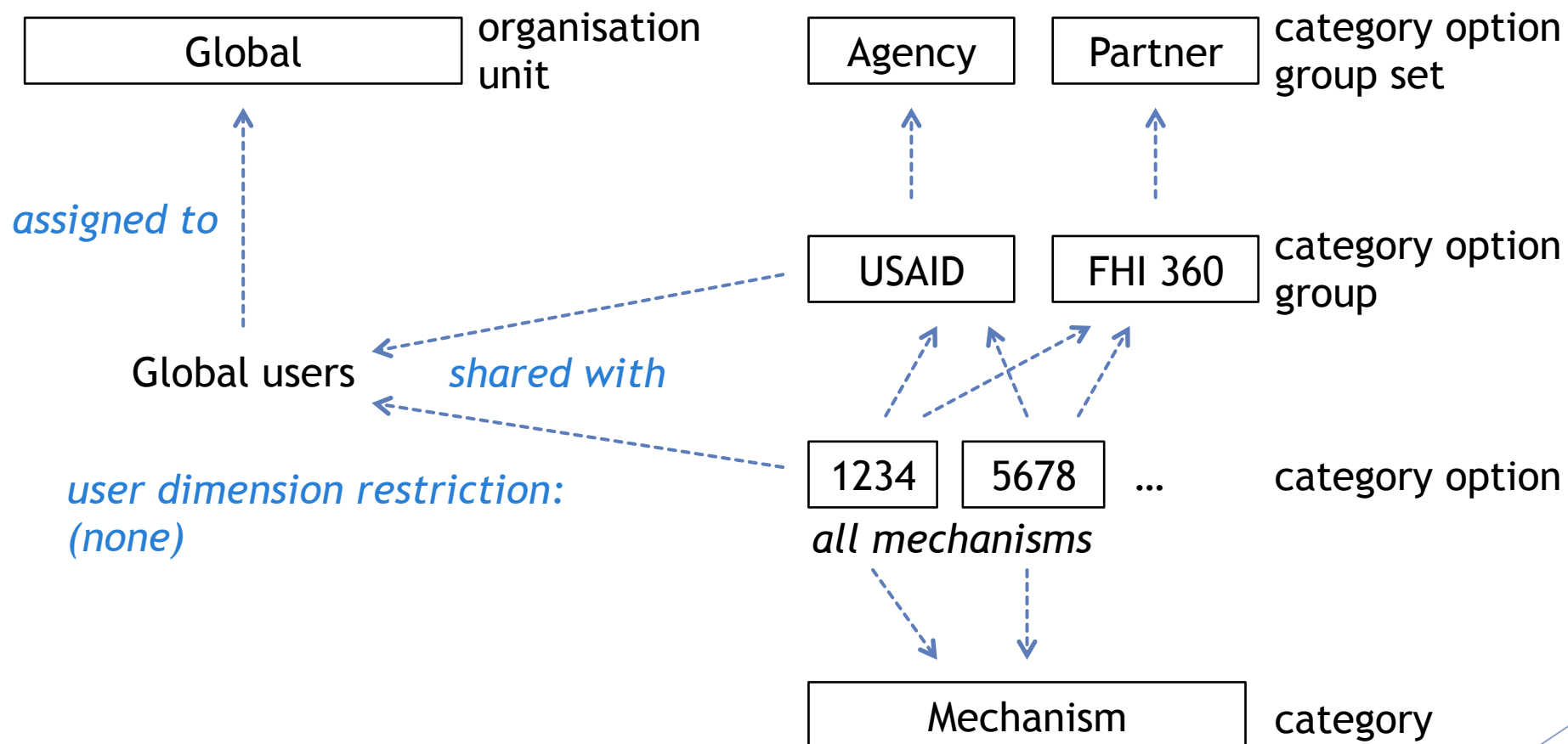
PEPFAR Agency users



PEPFAR Interagency country users



PEPFAR Global users



PEPFAR data approval levels

Data approval level management

Search by name

Name	Level	Organisation unit level	Category option group set
Global	1	1	
Inter-Agency	2	3	
Funding Agency	3	3	Funding Agency
Implementing Partner	4	3	Implementing Partner

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Thank you!



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